



MILLINGTON, TN

LITTLE ROCK, AR

Job Information

Job #: 135875

Date:

Priority: —

Authorized OT: No

Authorized by:

Customer Information

Name: CAW

Motor#:

Name Plate Information

Manufacturer: SIEMENS

Enclosure : Open Drop Proof (ODP)

Horsepower/kW: 2250

Serial#:

Model#:

Service Factor:

Frame:

Rated RPM: 47743

Rated Voltage: 4160

Phase: 3

Rated Amps: 240

Cycles:

Special design: No

AC Electrical Inspection

Megs after rewind: Good

Surge after rewind: Good

Hi-pot after rewind: Good

Core loss: Good

Thermistors: None

Thermostat: None

RTD: None

ohms at

degrees C

Motor Heater(s) Present: Yes

Qty:

Voltage:

Wattage:

WEST TENNESSEE

7030 Ryburn Drive
Millington, TN 38053
Phone 901-873-5300
Fax 901-873-5301

CENTRAL ARKANSAS

6812 Lindsey Rd.
Little Rock, AR 72206
Phone 501-375-9178
Fax 501-375-4254



MILLINGTON, TN

LITTLE ROCK, AR

AC Electrical Inspection (Continued)

Core Test Data

	Flux	Watts	Watts loss per lb	Condition of iron
Before burnout				
After burnout				

Conclusion

Service Tech name:

Service Tech signature:

WEST TENNESSEE

7030 Ryburn Drive
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Polyphase AC Winding

First Speed

Polyphase Date:

Hp/kw: 2250 RPM: 47743

Manufacturer: SIEMENS

Slots: 96 Poles: 8

Type:

Volts: 4160

Coils: 96

Model:

Amps: 240

Serial#:

Phase: 3

Lead marking:

1-6 Hertz:

24 Of 4
Grouping
Of

Turns/Coil: 5

Lead length:

C Rise:

Frame:

Wire Size 0.09 0.29
9 7

Lead size:

Duty:

C AMB:

Wire Mult.

Num. Leads:

Eff.:

Ins. Cls.:

Pitch 1 to:

☐ DP

☐ TEFC

☐ XPRF

☐ TENV

S.F.:

Connection:

Jumper:

Core length:

Core ID:

Back iron:

Slot depth:

Slot/tooth w:

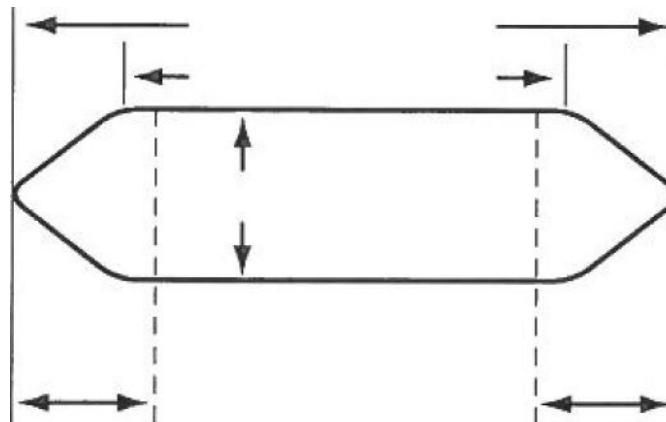
Wire weight:

Slot:

Tip:

Pitch:

COIL


☐ Left

Connection End
(Facing Terminal Box)

☐ Right



MILLINGTON, TN

LITTLE ROCK, AR

Single Phase{ Split Phase ☐
Capacitor: ☐ Start☐ Start & Run☐ Perm. Split

Hp/kw: 2250

RPM: 47743

Manufacturer: SIEMENS

Run

Start

Type:

Volts: 4160

Model:

Amps: 240

Style:

Hertz:

Form:

Frame:

No. Slots

No. Poles

Coils/pole

Dwg No.

C Rise:

Hrs.:

Cap. Mfd.:

Wire Size

Serial#:

Wires in par.

Duty: —

☐ BB☐ SB

No. Circuits

Open: —

Coil Ext.

Sta.length:

Sta.b.i.:

Stator Bore

Running ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

Slot No. 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

Starting ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

Customer: CAW

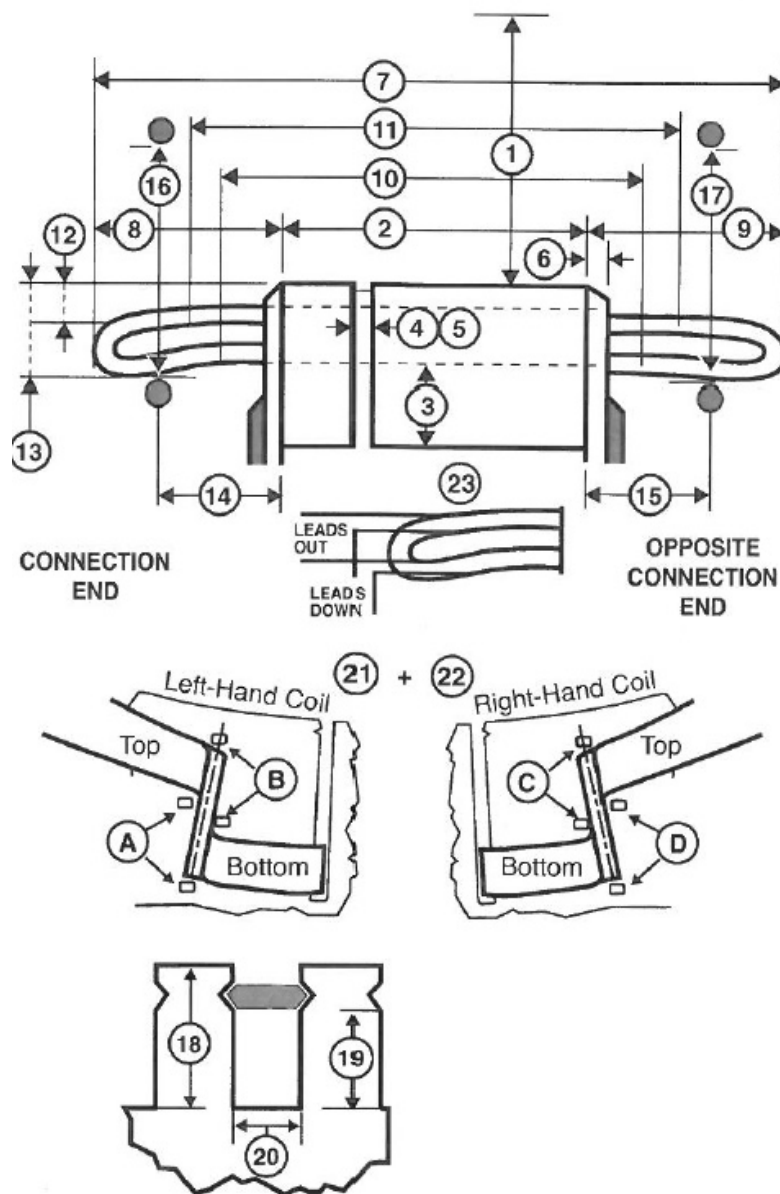
(Please return a copy to EASA Headquarters, 1331 Baur Blvd., St. Louis, MO 63132)

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AC Stator Form Coil Data

1. Core bore diameter	33.750
2. Total core length	26.259
3. Back iron	2.920
4. No. of vents	
5. Width of vents	
6. Finger plate width	0.5
7. Overall coil length	40.5
8. Connection end extension	6.750
9. Opposite Conn. End Ext.	7.0
10. Straight length bottom side	
11. Straight length top side	
12. Small knuckle drop. CE	OCE
13. Large knuckle drop. CE	OCE
14. Conn. Support Ring from core	
15. Opp. Conn. Supp. Ring from core	
16. Connection support ring ID	
17. Opp. Conn. Supp. Ring ID	
18. Total slot depth	2.910
19. Slot depth under wedge	2.75
20. Slot width	0.435



AC Stator Form Coil Data (Continued)

21. Lead location ☒ A ☐ B ☐ C ☐ D

22. Coil type ☒ Left hand ☐ Right hand

23. Coil leads Long# 48 LG 18

Short# LG

☒ Out ☐ Down

24. Jumper 1-4

25. Connection WYE-DELTA

26. No. of circuits 2

27. No. of slots 96

28. Coil throw 1-12

29. Turns per coil 5

30. Total wires in parallel 2

31. Bare wire sizes (0.099) x 0.297

() x

32. Strand insulation

☒ Film ☐ Glass ☐ Mica ☐ Bare ☐ Other

33. Coil weight Lbs.

34. 24 Groups of 4 Coils

Groups of Coils

35. Iron skewed ☐ Right ☐ Left in


AC Stator Form Coil Data (Continued)

Special Features Yes No

Data change ☐ ☒

Coil support ring steel ☐ ☒

Terrace wound ☐ ☒

Corona Protection ☐ ☒

RTDs ☐ ☒

Ohms Qty

Hermetic ☐ ☒

Slot paper used ☒ ☐

Insulation class ☐ B ☐ F ☒ H

☒ VPI ☐ Dip & Bake ☐ Sealed

☐ Leads taped ☐ Leads sleeved

Comments

